

19980413.qrp v01_n059.qrs.980413

Date: Mon, 13 Apr 1998 19:03:07 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1059

QRP-L Digest 1059

Topics covered in this issue include:

- 1) [8093] Re: FS: Vertical Antennae
by K5BDZ <K5BDZ@aol.com>
- 2) [8094] Heathkit HW9
by "Mabel and Don Adams" <adamsdm@lewiston.com>
- 3) [8095] FS: SB-104 QRP
by "William C. Robbins" <billrobb@net-link.net>
- 4) [8096] Re: 1758z and it's dead WA1QVM/AL7FS
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 5) [8097] Re: postage
by "John A. Evans - N0HJ" <jaevas@codenet.net>
- 6) [8098] ARCI Test - Results - TOO Much Fun!
by Brian Kassel <bkassel@dancris.com>
- 7) [8099] Spring QSO Party Report
by "Kelly Ellison" <kelman@dialnet.net>
- 8) [8100] UnOfficial QRP QSO Party Score
by "Ron Polityka" <wb3aal@talon.net>
- 9) [8101] ARCI
by K10J <k10j@swbell.net>
- 10) [8102] arci
by K10J <k10j@swbell.net>
- 11) [8103] Elmer 101 SW-30+ Student List
by "Robert H. Sorge" <rsorge@phoenix.net>
- 12) [8104] 38s & 30 meters
by Ed <edn4pk@VoyagerOnline.net>
- 13) [8105] Re: GQRP - SOLAR SUMMARY: March/April 1998
by Paul Harden <pharden@aoc.nrao.edu>
- 14) [8106] QRPing a Ten-Tec Paragon?
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 15) [8107] Michigan QSO Party
by Hank Kohl K8DD <k8dd@contesting.com>
- 16) [8108] qsl route
by ac5ez@webtv.net (Larry B)
- 17) [8109] ARCI Test: WQ2RP Debut
by Ken Newman <n2cq@citnet.com>
- 18) [8110] ARCI TEST: Arnie, Panama, Ontario
by WA8GHZ /5 Jack Dougherty <jdougher@wt.net>
- 19) [8111] A solution to QRPing a Ten-Tec Paragon?

- by "Bruce Barley" <lbbbarley@feist.com>
- 20) [8112] ARCI AGAIN!
by K10J <k10j@swbell.net>
- 21) [8113] Re: 38s & 30 meters
by Hal Maney <maney@ridgefield-ct.com>
- 22) [8114] OX QRP/QRP
by "Kim Andersen" <ox3fv@greenet.gl>
- 23) [8115] ARCI K0FRP
by alan dawkins <alk0frp@earthlink.net>
- 24) [8116] ARCI Party
by flydnq7x@primenet.com (Floyd Smithberg)
- 25) [8117] NC38S: reprise of PIN diode modification, due to popular demand
by "Alan Kaul W6RCL" <alan.kaul@worldnet.att.net>
- 26) [8118] ARCI - VE7CQK
by Paul Erickson <paul1@wizard.ucs.sfu.ca>
- 27) [8119] [Fwd: Hmmm (re IC706MKII)]
by Walt Amos <walatk8cv@ameritech.net>
- 28) [8120] RE: MOBILE "INVERTED L" ANTENNA (LONGHORN)
by QLF%mini@magic.itg.ti.com
- 29) [8121] ARCI 'Test
by K4AHK@ix.netcom.com
- 30) [8122] Sierra Mods Completed!
by Derek Brown <DBrown@RFMD.com>
- 31) [8123] Re: ARCI - VE7CQK
by Bob Patten <n4bp@bc.seflin.org>
- 32) [8124] elmer 101/ test message
by Roger Braker <msebrakr@telepath.com>
- 33) [8125] Wondering about FDIM and/or the Banquet?
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 34) [8126] ARCI test
by Zack Lau <zlau@arrl.org>
- 35) [8127] picture of MERCURY Nr 158
by john paul keon <"jpkeon@bellsouth.net"@mail.rdu.bellsouth.net>
- 36) [8128] ARCI TEST
by "Donald G. Dorn" <ddorn@SWBell.net>
- 37) [8129] ARCI Test
by Bob Patten <n4bp@bc.seflin.org>
- 38) [8130] Re: Plexi-glass covers ?
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 39) [8131] Plexiglass paddle covers
by W1LP <W1LP@aol.com>
- 40) [8132] Straight Keys - Past to present
by "Tim, KD5CKP" <kd5ckp@bellsouth.net>
- 41) [8133] K-2 prototype at NorCal
by Tellefsen Bob-CNSE97 <cns97@lmpsil02.comm.mot.com>
- 42) [8134] Re: Plexiglass paddle covers
by "Steve Hurst" <shurst@magiclink.com>
- 43) [8135] Herring Aid 5: Finished

- by "Dennis Payton" <dpayton@fwi.com>
- 44) [8136] Re: FAR Circuits...
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 45) [8137] Re: picture of MERCURY Nr 158
by "George T. Baker" <w5yr@swbell.net>
- 46) [8138] Re: [Fwd: Hmmm (re IC706MKII)]
by Mike - W0TMW <crucis@sky.net>
- 47) [8139] Attention Les Shattuck K4NK
by Bruce Milne <bmilne@afcon.net>
- 48) [8140] An Open Letter to QRP Radio Designers
by Russ Carpenter <russ@natworld.com>
- 49) [8141] OX3FV
by Bruce Rattray <rattray@gpfn.sk.ca>
- 50) [8142] OX3FV now
by flydnq7x@primenet.com (Floyd Smithberg)
- 51) [8143] Re: Manipulator for portable use
by Laura Halliday <ve7ldh@direct.ca>
- 52) [8144] Re: MERCURY PADDLE
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 53) [8145] Low-cost resistor storage
by Leon Heller <leon@lfheller.demon.co.uk>
- 54) [8146] Re: An Open Letter to QRP Radio Designers
by KC5TJA <kc5tja@topaz.axisinternet.com>
- 55) [8147] ARCI QSO Party
by joel malman <malman@world.std.com>
- 56) [8148] Joy of QRP Book
by FrConrad <FrConrad@aol.com>
- 57) [8149] ANYBODY NEEDING A MAINE QSO
by jdenison@morelr.com (JOEL DENISON)
- 58) [8150] Re: Low-cost resistor storage
by Mike - W0TMW <crucis@sky.net>
- 59) [8151] Re: Low-cost resistor storage
by Dick G0BPS <G0BPS@kanga.demon.co.uk>
- 60) [8152] Fun on 21060
by Bill Todd <bill@willapabay.org>
- 61) [8153] V21CW on 21055
by Bill Todd <bill@willapabay.org>
- 62) [8154] Instrument sale
by PGSPersEng <PGSPersEng@aol.com>
- 63) [8155] Re: V21CW on 21055
by Joe Gervais <vole@primenet.com>
- 64) [8156] Re: Instrument sale
by KC5TJA <kc5tja@topaz.axisinternet.com>
- 65) [8157] ARCI Spring QSO Party
by "Warren E. Lewis" <saswel@unx.sas.com>
- 66) [8158] 40 years of Technical Topics in RSGB RadComm
by Jon Iza <iapizloj@bicc00.bi.ehu.es>
- 67) [8159] RE: V21CW on 21055

by Bill Todd <bill@willapabay.org>
68) [8160] OX QRP/QRP
by "Kim Andersen" <ox3fv@greenet.gl>
69) [8161] Elmer101: Soldering IRON's
by Ronald_A_Pfeiffer@res.raytheon.com
70) [8162] Re: ARCI - VE7CQK
by "Bob Kellogg" <ae4ic@nr.infi.net>
71) [8163] Elmer101:
by dave_epps@juno.com

Date: Sun, 12 Apr 1998 19:06:22 EDT
From: K5BDZ <K5BDZ@aol.com>
To: K5BDZ@aol.com, qrp-1@Lehigh.EDU
Subject: [8093] Re: FS: Vertical Antennae
Message-ID: <584658d5.353148ef@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

DX-88 Vertical now spoken for...will take back up names in the event deal does not make.

Cushcraft RV5 still available (remember...no shipping...pick-up onlh in Houston, TX)
Bill,K5BDZ

Date: Sun, 12 Apr 1998 16:31:26 +0000
From: "Mabel and Don Adams" <adamsdm@lewiston.com>
To: qrp-1@Lehigh.EDU
Subject: [8094] Heathkit HW9
Message-ID: <199804122332.QAA19356@mail-gw.fsr.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

The Heathkit HW9 has been sold. Thanks to all who responded!
Don Adams KJ7NJ

Date: Sun, 12 Apr 1998 19:38:01 -0400

From: "William C. Robbins" <billrobb@net-link.net>
To: qrp-l@Lehigh.EDU
Subject: [8095] FS: SB-104 QRP
Message-ID: <199804122338.TAA15632@mail.net-link.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have a Heathkit SB-104 that has been modified. The final amp board has been removed and it has been rewired and modified for about 3-4 watts out. It receives good.

Other than the mods it is in good condition. I have no power supply for it. I will deliver it to Dayton or ship it before Dayton. \$145.

Bill

Heathkit Collector
WA8CDU formally WN8CDU

Date: Sun, 12 Apr 1998 19:40:17 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:larsennc@alaska.net" <larsennc@alaska.net>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>
Subject: [8096] Re: 1758z and it's dead WA1QVM/AL7FS
Message-ID: <199804121943_MC2-39B2-69F7@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Jim:

Well gotta tell ya--was using the GAP Titan (6' up) today during our QSO. Rig was Sierra throttled back from 1.6 watts to 950mw. Tuner = ZM-2 as always. Also used the Whiterook MK-88 keyer. So go ahead and put up the GAP.

Actually, I was using almost the same setup I will take to QRPTTF (MN+IA+SD) this year. Just wanted to get the feel of it. Seemed okay.

Always pleasantly surprised how great the Sierra really is--great receiver, quiet, sensitive, stable, and the variable filter makes it fantastic. Imagine a state of the art rig small enough to backpack with!

Jim, thanks for the call, and good luck. Hope you had a pleasant Easter weekend. Still hoping we can get together later in the year.

--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/289-5108 (eves)

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>If there is someone or some club that really thinks that there should be
>a cheaper way than having to send SASE's, consider starting a US QSL
>bureau. No one has ever been able to make it work yet, but I'd love to
>see one!!
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72 - john - n0hj

Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045
CQrp #15 NJ-QRP #50 AK-QRP #52 NW-QRP #454 FISTS #3184
Personal Web Page: <http://www.geocities.com/capecanaveral/9773/>

Date: Sun, 12 Apr 1998 17:17:13 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@Lehigh.EDU>
Subject: [8098] ARCI Test - Results - TOO Much Fun!
Message-ID: <35315989.384C@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Howdy Folks:

Well, I operated the whole contest on 15M, as a mono band entry.
Thought that I'd try something a bit different.

I unofficially wound up with:

107 QSO's
36 Domestic Multipliers
3 DX Multipliers
All on 15 running 4w.
3 El Tribander at 33 feet.
Put in something like 15 hours or less.
Used TR on my Compaq LTE LITE running off 12 Volts.

2 JA's managed to come back to my CQ's. I also grabbed perennial HP1AC,
but no XE this time
around. I did manage to work SWL guru Arnie in Cuba too.

A real highlight:

At one point on Sunday Morning I encountered a real dry spell, just no
signals for a loooong time, then after a CQ, 2 weak signals on exactly
the
same frequency called me. After sorting them out, it turned out that
the first was DE,]
the second was RI.

What are to odds???

Too much fun, my old brain is fried.

--

Brian Kassel W5VB0
ARCI # 3623
Phoenix AZ ScQRPions

Date: Sun, 12 Apr 1998 19:22:24 -0500
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-l@Lehigh.EDU>
Subject: [8099] Spring QSO Party Report
Message-ID: <199804130026.TAA00692@mail.dialnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

A quick report of from WB0WQS after the ARCI Spring QSO Party. Between Working, Family time, sleep, lawn work, and Easter activities, I was happy with my 129 QSO's. Most on 20 meter and 40 meters, some on 80. Worked 32 states and 3 Canadian prefixes. Bands seemed to be in good shape from here and I enjoyed working many familiar calls from this list. Setup was an Icom 706 at 5 watts and switched between 280 ft loop and roof mounted R5 Vertical. It would have been fun to spend more time on the air. Had a good time and look for you all next week end. See you at Dayton!

Kelly Ellison
WB0WQS
QRP-L #702
Aurora, Missouri

Date: Mon, 13 Apr 1998 00:27:31 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [8100] UnOfficial QRP QSO Party Score
Message-ID: <01bd6694\$79d5f560\$1e5445c6@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All,

Saturday was a lot better day for contacts than Sunday.
No one around due to Easter. Oh well, here is my score.

I had the following score:

123 QSO's for 4950 points and 61 mults=
301,950 Total Score

3 DX 3 VE's 34 States 78 QRP ARCI Contacts

Running 1 watt. Best Contacts KH6U/QRP on 10

F6FIZ on 15 around 3PM

Darn, I still hear them calling me! Hi Hi

73, Good DXing & QRPing
Ron de WB3AAL

E-mail: wb3aal@talon.net
BBS: WB3AAL @ WB3FYL.#BER.PA.USA.NA

EPA QRP # 1 QRP # 5318 10-10 # 13173
QRP-L # 1099 G-QRP # 3031 AK QRP # 309
Adventure Radio Society #380

Date: Sun, 12 Apr 1998 19:45:03 -0500
From: K10J <k10j@swbell.net>
To: qrp-l@Lehigh.EDU
Subject: [8101] ARCI
Message-ID: <3531600F.9A25887@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Howdy from Texas Ya'll,
The contest was fun. Thank you ARCI and participants.
..0J

ARCI SUMMARY SHEET

Contest Dates : 11-Apr-98, 12-Apr-98

Callsign Used : K10J
Operator : K10J

Category : SOAB

Default Exchange : 559 TX NR 9492

Name : OWEN 'OJ' QUARLES
Address :
City/State/Zip : HOUSTON, TX
Country : United States

BAND	Raw QSOs	Valid QSOs	Points	Mults
80CW	2		2	10 2
40CW	31		31	125 20
20CW	103		103	446 33
15CW	69		69	288 27
10CW	6		6	21 4

Totals	211		211	890 86

Final Score = 76540 points.

..

Date: Sun, 12 Apr 1998 20:10:21 -0500
From: K10J <k1oj@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [8102] arci
Message-ID: <353165FD.EBE68A31@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Let us try this again. Maybe this will be readable.

Category : SOAB

Default Exchange : 559 TX NR 9492

Name : OWEN 'OJ' QUARLES
Address :
City/State/Zip : HOUSTON, TX
Country : United States

BAND	Raw QSOs	Valid QSOs	Points	Mults
80CW	2	2	10	2
40CW	31	31	125	20
20CW	103	103	446	33
15CW	69	69	288	27
10CW	6	6	21	4

Totals	211	211	890	86

Final Score = 76540 points.

Date: Wed, 8 Apr 98 20:07:53 PDT
From: "Robert H. Sorge" <rsorge@phoenix.net>
To: qrp-1@Lehigh.EDU
Subject: [8103] Elmer 101 SW-30+ Student List
Message-ID: <Chameleon.980408203703.rsorge@phoenix.net.phoenix.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This is the appended list of Elmer101 SW-30+ students. This is a listing of the 30 meter version builders.

Walter Dufrain <walter@inlink.com>
Bruce Hopkins - KL7JAF <kl7jaf@eagle.ptialaska.net>

Scott Bauer <ke3nv@erols.com>
ka7you@juno.com
"William R. Moore" <wr.moore@att.net>
Ed Manuel <n5em@flash.net>
Andy Fox <foxes@theriver.com>
Christian Hunt <chunt@macromedia.com>
Wayne Barnhart <wb7whi@triax.com>
Dale Scott <dcscott@us.ibm.com>

change-> Chuck Adams <adams@sgi.com>

Don Branflick <kb2sqt@eclipse.net>
"Adam B. Kanis" <adam-kanis@uiowa.edu>
Ted Kell <tedkell@juno.com>
Rick McNelly <72507.235@compuserve.com>
"Buck, Preston D" <BuckPD@corning.com>
Dick Stimson <destimson@juno.com>
"Peter C. Wotherspoon" <Peter.C.Wotherspoon@hydro.on.ca>
David Shalita <af389@lafn.org>
"Robert V. Jackson" <wb2bjw@juno.com>
Robert H. Sorge <rsorge@phoenix.net>

Appended 4/12/98

Jim Francoeur KC1FB <jrfrancoeur@snet.net>
Jeff Johnson <jeff@dcsoftware.com>
John Nystedt <nystedt@sprintmail.com>
Dan Puckett <dpuckett@erinet.com>
joel malman <malman@world.std.com>
Bob Nichols <OrientBob@aol.com>
Brad Mugleston <bmug@gwl.com>
Niel Skousen <nskousen@scientech.com>
"j.w. thornton" <dub@oklahoma.net>
dave_epps@juno.com
wd4et@juno.com
Steve Miller <kg7pv@teleport.com>

If there are any other 30 meter SW-30+ builders that want their name listed, drop me a line.

72 de Bob.

Name: Robert H. Sorge - KC5FMZ QRP-L#910,NORCAL#793,ARCI#96033
E-mail: rsorge@phoenix.net
Date: 4/8/98
Time: 8:07:53 PM

Date: Sun, 12 Apr 1998 21:35:29 -0400
From: Ed <edn4pk@VoyagerOnline.net>
To: QRP <qrp-1@Lehigh.EDU>
Subject: [8104] 38s & 30 meters
Message-ID: <35316BE1.5FB45FAA@VoyagerOnline.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well after getting the receiver going right, I fired up on 30 meters this evening. To say the least was really disappointed. Not much activity and no Qrp that I could find. Come on guys, its a great band..really

72/73

Ed N4PK

Date: Sun, 12 Apr 1998 19:38:42 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: Dick G0BPS <Dick@kanga.demon.co.uk>
Cc: qrp-1@Lehigh.EDU, GQRP-L List <gqrp-1@blacksheep.org>, arnie@radiohc.org
Subject: [8105] Re: GQRP - SOLAR SUMMARY: March/April 1998
Message-ID: <Pine.SOL.3.91.980412193459.3457A-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 11 Apr 1998, Dick G0BPS wrote:

> >National Radio Astronomy Observatory
> >VLA/VLBA Radio Telescopes
> >Socorro, NM, USA, Earth
> ^^^^^^^^^^^^^^^^^.....?
>
> Come-on Paul, can't you be more specific?

34deg 04.287' N
-106deg 54.410' W

72, Paul NA5N

Date: Sun, 12 Apr 1998 23:01:23 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: tentec@contesting.com, qrp-l <qrp-l@Lehigh.EDU>
Subject: [8106] QRPing a Ten-Tec Paragon?
Message-ID: <Pine.LNX.3.95.980412230028.13431E-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Have a Paragon.

Min power output is about 10 watts (factory spec says 25).

I NEED to go lower. Anyone know of a factory-authorized modification?

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Sun, 12 Apr 1998 22:02:01 -0400
From: Hank Kohl K8DD <k8dd@contesting.com>
To: qrp-l@Lehigh.EDU
Subject: [8107] Michigan QSO Party
Message-ID: <3.0.1.32.19980412220201.006ad7cc@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The Michigan QSO Party is next weekend. Saturday and Sunday.

Rules Entry sheet and list of MI counties are on:
<http://www.geocities.com/capecanaveral/2844> and select MI QSO Party.

There is a QRP class and last year the QRP Plaque was won by N3RN for the high QRP score.

I can send the Rules, Entry Sheet, List of MI Counties in Word 6 and a log page in Excel. ASCII logs are accepted by e-mail to me along with an entry sheet.

73 Hank K8DD

Date: Sun, 12 Apr 1998 21:04:02 -0500
From: ac5ez@webtv.net (Larry B)
To: qrp-l@Lehigh.EDU
Subject: [8108] qsl route
Message-ID: <199804130204.TAA14236@mailtod-122.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

Any info on un7pu appreciated.
Thanks ac5ez Larry

Date: Sun, 12 Apr 1998 22:32:58 -0400
From: Ken Newman <n2cq@citnet.com>
To: njqrp@njqrp.org, QRP-L@Lehigh.EDU
Subject: [8109] ARCI Test: WQ2RP Debut
Message-ID: <1.5.4.16.19980413022704.1e4f1006@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

1998 QRP ARCI SPRING CONTEST

Call used: WQ2RP Location: NJ

Category: Single Op Low Band Mode: CW Power: 5W

Callsign of Operator: N2CQ

If multi-operator, show calls of all operators and loggers:

Exchanged Information: WQ2RP RST NJ 5W

Hours of Operation: 04:43

band	QSOs	points	mults
160	0	0	0
80	15	504	9
40	67	1799	19
20	0	0	0
15	0	0	0
10	0	0	0

TOTAL	82	2303	28

SCORE: 64,484

Club or Team Name: NJ QRP Club

Comments:

The Debut of the NJ QRP Club Callsign, but much more to come.
Thanks to all who came to the party to initiate WQ2RP!

Station: Knwd TS-850s - Center Fed Zepp 100', up 35. Matchbox Tuner
"NA" Software 10.25

I have observed all competition rules as well as all regulations for
amateur radio in my country. My report is correct and true to the
best of my knowledge. I agree to be bound by the decisions of the
contest committee.

Date_____ Signature_____ Call_____

Name: NJ QRP Club Call: WQ2RP
c/o Ken Newman
81 Holly Drive
Woodbury, NJ 08096

72/73,
Ken Newman, N2CQ
Woodbury, NJ
N2CQ@Citnet.com

Date: Mon, 13 Apr 1998 02:26:56 -0700
From: WA8GHZ /5 Jack Dougherty <jdougher@wt.net>
To: qrp-1@Lehigh.EDU
Subject: [8110] ARCI TEST: Arnie, Panama, Ontario
Message-ID: <3531DA60.3392@wt.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

TU Arnie in Cuba, TU nice Panama sig and, while taking a break to do some errands, TU for a nice Ontario Q from my GMC pick-em-up-truck with squoozed-down/4W IC-706 to add to the stack.

And tried TR Log for first time - nice feel to it after figuring out config mechanics - easier than first appearances, and you gotta love that F10 key-thingy.

Great low power fun; thanks all and Cam.

--

====

Jack / WA8GHZ/5

== -= ===-- ==- ---- ==-- ==-- ---- ==-- ==-- -= -== -==--

Date: Sun, 12 Apr 1998 09:29:31 -0500
From: "Bruce Barley" <lbbbarley@feist.com>
To: <ham@w3eax.umd.edu>
Cc: <qrp-1@Lehigh.EDU>
Subject: [8111] A solution to QRPing a Ten-Tec Paragon?
Message-ID: <199804130229.VAA25009@wichita.fn.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello, Scott -

Yep! There's a factory-authorized solution to your problem.

It's called a Ten-Tec Century/21. Got one. Has worked great for me consistently since 1978.

Really nice ones can be had for between \$150 and \$175. Try it. You'll like it! <g>

< 0.10 to ~35 W. Best DX (qrp) to you in '98.

Bruce KB0PZD qrp-l # 69
lbbarley@feist.com

> From: Scott Rosenfeld [NF3I] <ham@w3eax.umd.edu>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: QRPing a Ten-Tec Paragon?
> Date: Sunday, April 12, 1998 10:01 PM
>
> Have a Paragon.
>
> Min power output is about 10 watts (factory spec says 25).
>
> I NEED to go lower. Anyone know of a factory-authorized modification?
>
> * Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
> * 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
> * <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
> *** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***
>
>

Date: Sun, 12 Apr 1998 22:32:06 -0500
From: K10J <k10j@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [8112] ARCI AGAIN!
Message-ID: <35318736.BD60449@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Okay,Okay..So I didn't read the score rules. I can't handle a radio with
more than 3 controls either....(Thanks Joel)
..OJ

Category : SOAB

Default Exchange : 559 TX NR 9492

Name : OWEN 'OJ' QUARLES
Address :
City/State/Zip : HOUSTON, TX
Country : United States

BAND	Raw QSOs	Valid QSOs	Points	Mults
80CW	2	2	10	2
40CW	31	31	125	20
20CW	103	103	446	33
15CW	69	69	288	27
10CW	6	6	21	4
Totals	211	211	890	86

Final Score = 76540 points x 7 (5W) = 535,780

Date: Mon, 13 Apr 1998 11:52:14 -0400
From: Hal Maney <maney@ridgefield-ct.com>
To: qrp-1@Lehigh.EDU
Subject: [8113] Re: 38s & 30 meters
Message-ID: <353234AE.CC75073F@ridgefield-ct.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Ed,

Glad to hear another 38s is on the air. I was there also with my trusty 38s. I heard a good bit of activity. Worked Hungary and Bulgaria during breaks from doing my taxes. Actually jumped into a pileup calling the Bulgaria station and was answered on the first call. Swapped 599 reports.

I think I heard you calling somebody. Also, I believe someone else was calling CQ DX QRP. The band is still quite active even now (11:40pm EDT).

BTW, I had my IC-706MKII (stock filter) sitting next to it

and took the opportunity to make a quick receiver comparison. Heard about the same number of real signals with the same levels on both rigs.

There is some BC leakage on my 38s, but I can make it drop out by turning the gain control down about 1/4 turn. I get the audio volume back with an external amp.

73,

Hal

Ed wrote:

>

> Well after getting the receiver going right, I fired up on 30 meters
> this evening. To say the least was really disappointed. Not much
> activity and no Qrp that I could find. Come on guys, its a great
> band..really
> 72/73
> Ed N4PK

--

Harold D. Maney, K1HM
maney@ridgefield-ct.com
203-431-9329

Date: Mon, 13 Apr 1998 04:00:59 +0100
From: "Kim Andersen" <ox3fv@greenet.gl>
To: "=?ISO-8859-1?Q?QRP-L_=28INDL=C6G=29?=" <qrp-l@Lehigh.EDU>
Subject: [8114] OX QRP/QRP
Message-ID: <7717B0D896.AAC67B6@mail.greenet.gl>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi

For your info.

I plan to be very active on QRP the next few days.

I will start 13th. april at around 16z to 23z, and on 14th. from 10z to 23z. (not non-stop)

Frq's: 7030, 10116, 14060 and 18086 Khz.

Guess I will start on 20m or maybe 17m, and then QSY down later.

Hopefully the CONDX will be good. It has been very poor most of the weekend. Got better at around 20z sunday, but had to go to bed before nightduty, only worked a few on 30m.

I hope to meet a lot of you there.

73 de Kim/OX3FV

Date: Mon, 13 Apr 1998 22:38:52 -0700
From: alan dawkins <alk0frp@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [8115] ARCI K0FRP
Message-ID: <3532F640.24FD@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

WELL GANG

WIFE IN CALIFORNIA, 18 YEAR OLD DOING HIS THING , 14 YR OLD , HAD TO TAKE HER TO THE MOVIES AND THE ZOO SO TWO TAXI TRIPS LOST A COUPLE HOURS.

BAD COLD, COULDN'T TALK (LOST MY VOICE FRIDAY)(THANKS FOR CW).

I THOUGHT THE BANDS WERE UP AND DOWN. VERY WEAK SIGS BUT YET OTHERS VERY STRONG. NO REAL GOOD RUNS JUST CALLED LOTS OF CQ'S. THIS WAS MY BEST SCORE FOR ARCI BUT COULD BE BETTER.NEED SOME 60-80 Q'S PER HOUR RUNS AT 35 WPM, 10M WAS OPEN BUT NO ONE HOME,I CALLED BUT FELL SILENT, GOT N4BP AND A LOCAL. TWO HI, CUBA,CAM IN PANAMA, VE9 ON 3 BANDS AND MY HARDEST TO GET WY, WC7S WAS THERE.

EXCELLANT FROM 1 WATT OR LESS WORKED 8 QRPP STATIONS.

WE NEED A 1W OR LESS SPRINT ????????

BACK TO SEATTLE ON THE 8AM FLIGHT MONDAY

SUMMARY

328 Q'S

BAND QSO PTS MULTS

80 28 6
40 391 34
20 559 43
15 324 31
10 7 2

1309 116 X7 (4.9999 w) = 1,062,908

just think what we can do with 15/10m HOT

GREAT JOB EVERYONE KEEP IT GOING , CONTESTS SHARPEN CW SKILLS, CHECK OUT
RIGS AND ANTENNAS, KEEPS US SHARP.

AL K0FRP

Date: Sun, 12 Apr 1998 22:03:52 -0700 (MST)
From: flydnq7x@primenet.com (Floyd Smithberg)
To: qrp-l@Lehigh.EDU
Subject: [8116] ARCI Party
Message-ID: <199804130503.WAA18855@smtp01.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Tnx Cam and the many participants who supported the contest. Used TR6.23XT
on my HP200LX

for all the logging, duping, rig keying and reports. And since I'm no touch
typist anyway, found it very convenient to use. This was my first cw contest
using the palmtop...gonna be great for field use using two AA batteries
instead of a deep cycle brute. Transferred data to other computer after the
contest and did the reports and printouts from it...

Worked 90 ARCI members out of 113 Qs...good show members.

Also worked C02KK @ 2W, WA7ZBL @ 1W, N7XM @ 700mW, AF9J @ 500mW and found
after my

first 33 Qs and 31 mults I had forgotten to switch my WM2 back to the 10W
scale...I was running 500mW too...maybe should have left it there.

Band	Valid QSOs	Points	Mults	Countries
20cw	67	290	32	0
15cw	46	203	33	1

113 493 65 1

Power Multiplier = 7

Final score = 493 X 65 X 7 = 224,315..... (if I didn't screw up the
arithmetic)

Used TS850/HP200LX/3 el Triband (Explorer) @ 40+'

Op time...~15 hrs

72/73 Floyd NQ7X Phoenix ScQRPion DM33uq QRP-L 343

ARRL AMSAT ARCI G-QRP NORCAL DX WRKD HF=324 SAT=101 QRP=129

Date: Sun, 12 Apr 1998 22:27:15 -0700
From: "Alan Kaul W6RCL" <alan.kaul@worldnet.att.net>
To: <qrp-1@Lehigh.EDU>
Subject: [8117] NC38S: reprise of PIN diode modification, due to popular demand
Message-ID: <19980413052714.AAA12553@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I saw Mike gipe's message asking for a report for John, KG2??
But I didn't see John's original post, nor do I have his e-mail address.
Sorry to the rest of you for the bandwidth, but here it is....

73/72 de alan

Alan Kaul, W6RCL, LaCanada-Flintridge, CA

<http://home.att.net/~alan.kaul/qrp.html>

alan.kaul@worldnet.att.net

w6rcl@amsat.org

> From: Alan Kaul <kaul@netcom.com>
> To: w6rcl@amsat.org
> Subject: NC38S: reprise of PIN diode modification, due to popular demand
> (fwd)
> Date: Monday, April 06, 1998 12:07 AM
>
>
>
> [[Alan Kaul, W6RCL](mailto:kaul@netcom.com)] kaul@netcom.com
>
>
> ----- Forwarded message -----
> Date: Wed, 20 Aug 1997 09:41:27 -0700
> From: Michael A. Gipe <mgipe@reliablemeters.com>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: NC38S: reprise of PIN diode modification, due to popular demand
>
> Gang --
>
> Since Gary's recent postings, I have received many requests for the
> previously published PIN diode modification. Due to popular demand, I
> pulled out the old post for a repeat. If you have already gotten this, I
> apologize for the extra bandwidth consumed.

>
> Herewith from QRP-L January 31, 1997:
>
> <<
>
> I just can't stop playing with this thing!
>
> The 38 Special's transmit/receive antenna switching is a fine example of
> creative economic engineering. It works beautifully, and is extremely
cost
> effective.
>
> That is, until we hot-rodders try to turbocharge our amplifiers. After
> all, when you drop that 454 cubic inch engine into a VW bug, better be
> prepared to boost the brakes.
>
> After putting in the 5 watt mod and tuning it up for max, I found that
the
> extra power was overwhelming the T/R switch, and just a little too much
> transmit energy was getting into the NE602 receive mixer/VX0.
>
> The solution is pretty easy.
>
> First, you have to put in the Tick mod, because we need the extra 74HC240
> buffers that are freed up from the sidetone oscillator.
>
> This modification puts a reverse bias of 8 volts on the PIN diodes when
in
> transmit mode, improving the switch isolation.
>
> 1. Make sure that you have removed D8, R15, R16, and C31. Also make sure
> that you have cut the trace between U4 pin 3 and R17. This is part of
the
> Tick keyer mod.
>
> 2. Now, put a wire jumper where D8 used to be. You did this anyway to
keep
> U4 from floating.
>
> 3. There is a trace on the PC board, solder side, which connects R1, R2,
> and R14 to 8 volts. Cut it between R2 and R14. This leaves R14 connected
> to 8 volts, and R1 and R2 connected together but nowhere else.
>
> 4. Take a short piece of insulated wire (30 ga. wirewrap wire works
well)
> and connect the R1/R2 node to U4 pin 5. The empty hole where R16 used to
> be is a good place to connect to U4 pin 5. Route this wire along the
> solder side of the board near the path taken by the trace that you cut.

>
> 5. Check your work, then smile. You're done.
>
> Mike (Bubba) K1MG
>
>
>

Date: Sun, 12 Apr 98 23:56:06 PDT
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>
To: qrp-1@Lehigh.EDU (qrp)
Cc: n4bp@bc.seflin.org (Bob Patten - N4BP)
Subject: [8118] ARCI - VE7CQK
Message-ID: <9804130656.AA20545@wizard.ucs.sfu.ca>

ARCI SUMMARY SHEET

Contest Dates : 11-Apr-98, 12-Apr-98

Callsign Used : VE7CQK
Operator : VE7CQK

Category : SO AB

Default Exchange : 559 BC 9010

Name : Paul Erickson
Address : 3371 W.31st Ave.
City/State/Zip : Vancouver, B.C. V6S 1X6
Country : Canada

BAND	Raw QSOs	Valid QSOs	Points	Mults	Countries
160CW	1	1	2	1	0
80CW	4	4	14	3	0
40CW	23	23	97	13	0
20CW	60	60	245	25	1
15CW	31	31	125	19	0
10CW	1	1	2	1	0

Totals 120 120 485 62 1

Final Score = 30555 X 7 (5w) = 213,885 points.

Soapbox Comments

Well, had a good time. Had to work Sunday, so only put in about 17 hours in. Conditions were poor up here, but not as bad as they were for Jim in AK. Toughest successful contact was with AE4IC on 40 meters. 9010 can be tough to copy under poor conditions. Early sunday morning a ?5?J and at least one other station called me on 40mtrs, but my qrn level made it impossible. Also thanks to ?????? for attempting to go to 160 . I passed one local from 10 through 160 for some useful multipliers. I'm suprised that more didn't try that. Thanks to everyone who called.

I have observed all competition rules as well as all regulations established for amateur radio in my country. My report is correct and true to the best of my knowledge. I agree to be bound by the decisions of the Awards Committee.

Date _____ Signed _____ Call _____

Date: Mon, 13 Apr 1998 09:56:25 +0000
From: Walt Amos <waltk8cv@ameritech.net>
To: qrp-l List <qrp-l@Lehigh.EDU>
Subject: [8119] [Fwd: Hmmm (re IC706MKII)]
Message-ID: <3531D339.F6B4D98D@ameritech.net>
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="-----8D80CD66D4A2F0B3C685E9FA"

This is a multi-part message in MIME format.
-----8D80CD66D4A2F0B3C685E9FA
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Okhere is a new thread to beat to death now that we all
have put the word MERCURY in our filters!

Walt K8CV

-----8D80CD66D4A2F0B3C685E9FA

Content-Type: message/rfc822

Content-Transfer-Encoding: 7bit

Content-Disposition: inline

Received: from metronet.lib.mi.us ([199.179.30.10])
by mpdr0.columbus.oh.ameritech.net (InterMail v03.02.01 118 111)
with ESMTP id <19980412123424.XTI7104@metronet.lib.mi.us>
for <waltk8cv@ameritech.net>; Sun, 12 Apr 1998 07:34:24 -0500

Received: from smithhar (bh-ppp-2.metronet.lib.mi.us [199.179.22.225])
by metronet.lib.mi.us (8.8.7/8.8.7) with SMTP id IAA03929
for <waltk8cv@ameritech.net>; Sun, 12 Apr 1998 08:39:23 -0400 (EDT)

Message-Id: <3.0.5.32.19980412083924.007cb100@detroit.freenet.org>

X-Sender: aa035@detroit.freenet.org

X-Mailer: QUALCOMM Windows Eudora Light Version 3.0.5 (32)

Date: Sun, 12 Apr 1998 08:39:24 -0400

To: waltk8cv@ameritech.net

From: "Hartland B. Smith" <aa035@detroit.freenet.org>

Subject: Hmmm (re IC706MKII)

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Interesting item--Hart

>Sender: owner-amsat-bb@AMSAT.org
>X-Reminder: to unsubscribe, send UNSUB amsat-bb to LISTSERVER@AMSAT.Org
>Date: Sun, 12 Apr 1998 03:07:26 +0000
>From: Matt J Cassarino <mjc2@capecod.net>
>X-Mailer: Mozilla 2.02 (Macintosh; I; 68K)
>To: AMSAT-BB <amsat-bb@AMSAT.org>
>Subject: Hmmm (re IC706MKII)

>

>Good day, all-

>

>I was looking through the FCC type acceptances...(yes I'm bored) and
>found the IC706MKII has a note 99 attached to it which means "The
>manufacture and/or importation of this device must cease on June 23,
>1999." Anyone know why ? 73

>--

>Matt WV1K

><http://www.capecod.net/~mcassari>

>

>

-----8D80CD66D4A2F0B3C685E9FA--

Date: Mon, 13 Apr 98 07:04:18 CDT
From: QLF%mimi@magic.itg.ti.com
To: qrp-1@Lehigh.EDU
Subject: [8120] RE: MOBILE "INVERTED L" ANTENNA (LONGHORN)
Message-ID: <9804131204.AA13596@itg.ti.com>

From: Brad Bradfield QLF

Subj: RE: MOBILE "INVERTED L" ANTENNA (LONGHORN)

Good morning QRP'er dudes and dudettes - -

I posted a note last week in response to someone's note about a mobile inverted L antenna. I mentioned my recollection that there was a 60's QST article on a mobile antenna called the Longhorn. I found a followup article over the weekend on the "Connecticut Shorthorn" mobile antenna in the April 1981 QST. The original article, the "Connecticut Longhorn", was in the August 1967 QST, both articles by K1KL0. If you're interested, dig these two references out.

72's es 73's,

Brad, WB0CGH

qlf@msg.ti.com

Date: Mon, 13 Apr 1998 06:31:14 -0400
From: K4AHK@ix.netcom.com
To: qrp-1@mail <qrp-1@Lehigh.EDU>
Subject: [8121] ARCI 'Test
Message-ID: <3531E96D.68B9@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Didn't have much time to participate in the contest so decided to just play with some homebrew rigs to see how they would stand up in the competition.

I had the most fun with a 40meter rig using parallel 2N3904 transistors in the final putting about 350 milliwatts into an attic dipole and receiving with an MRX-40. Worked almost all of the East coast with this peanut whistle and only had to repeat my QSO info to one station - and he was around an S3. Milliwatts are FUN !

Bill - K4AHK

Date: Mon, 13 Apr 1998 09:06:38 -0400
From: Derek Brown <DBrown@RFMD.com>
To: "'Roy Marion, AB7CE'" <marion@montana.com>
Cc: "'Vic Turner, WA4EIW'" <victnr@juno.com>, "'Brad Bradfield, WB0CGH'" <QLF@mimi@magic.itg.ti.com>, "'Bob Follett, AB7ST'" <bfollett@ditell.com>, "'QRP-L'" <grp-l@Lehigh.EDU>
Subject: [8122] Sierra Mods Completed!
Message-ID:
<c=US%a=%p=RF_Micro_Devices%l=PACHACUTEC-980413130638Z-2158@proxy1.rfmd.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Roy,

The past Friday I completed the output mods on my Sierra which you recommended...I replaced the L10 collector choke with a 4:1 transformer (I used 10 bifilar turns on a FT- 50-43), replaced Q7 (PA) with an NTE 342 (couldn't locate an SK9618 at a reasonable price), and mounted a 500 ohm drive control pot on the rear panel.

I did modify two modules: I reduced the number of turns on L5 & L6 from 26t to 23t, & installed silver mica caps on my 10 meter module (120 pF for C47, C49 & 220 pF for C48) - I'll eventually swap out the rest of the caps.

The results (at 13.8 V measured with an HP8565E Spectrum Analyzer with a 5W, 20 dB attenuator on the input): 7 W on 80M, over 5 W on 40M, 30M, 20M & 15M and 3 W on 10M. [It helps to work in a Design Engineering Lab] The external drive control makes power adjustment very easy.

Note: the NTE 342 (cost around \$5.25) is the same configuration as the SK9618 - the center pin is tied directly to the tab and, thus can be mounted directly to the inside of the rear panel to provide both grounding and a heat sink. I used one of the existing ground "holes" on the Sierra PCB for the center pin.

Message-ID: <3.0.1.16.19980413081910.3dc7d694@telepath.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

This is a test message to test my filters. Do not read

Date: Mon, 13 Apr 1998 10:27:45 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [8125] Wondering about FDIM and/or the Banquet?
Message-ID: <Pine.LNX.3.95.980413102603.16992A-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The top 100 attendees list (for FDIM) has been uploaded to my web site with Cam, KT3A's, permission.

Also located here is the info on the banquet - 154 attendees (to date) as well as 31 prize donors (so far).

Only 32 days to go!

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Mon, 13 Apr 1998 10:00:26 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [8126] ARCI test
Message-ID: <35321A7A.5676@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

All my 10M Qs were on the first day. Got KH6U to answer my CQ there but no luck on 15M with KH6AFS, who had a pretty good signal at 1639Z Sunday. Worked C02KK too early--he was running 10 watts when I worked him--guess I need to work him again for

QRP DXCC.

Not sure yet, but the 20M QSO with WB6FZH/KH6 may have been made with verticals on both ends--Zack W1VT

Date: Mon, 13 Apr 1998 10:20:28 -0400
From: john paul keon <jpkeon@bellsouth.net@mail.rdu.bellsouth.net>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Cc: klqrp@waterw.com, njqrp@njqrp.org
Subject: [8127] picture of MERCURY Nr 158
Message-ID: <199804131421.KAA22490@mail.rdu.bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For W5YR here is a picture of my circa 1981 Mercury # 158 made by Steve/N2DAN. No argument for the price, you pay for what you get. I only wish I had upgraded sooner so my old call was not on the paddle. But you know what they say about hindsight.
Pictures on Website:
<http://www.waterw.com/~knights/klpic3.html>
Enjoy, also there is a picture of the Sierra we used at 250mW (got it right that time) and a Shurr Warbler and some tired old hams, hi hi. Also most of those were taken at the QRPTTF in October 97 and the old state trooper with the high and tight is me, hi hi
JohnPaul/AB4PP "Sir Scribe" of the Klites

Date: Mon, 13 Apr 1998 14:24:20 -0500
From: "Donald G. Dorn" <ddorn@SWBell.net>
To: QRP-L@Lehigh.EDU
Subject: [8128] ARCI TEST
Message-ID: <35326664.F158BA16@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Where was Ernie, W8MVN? I missed hearing his big sig.. Hope he isn't ill.

Don KJ5MG

Date: Mon, 13 Apr 1998 10:36:53 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: Bob Kellogg <ae4ic@nr.infi.net>
Cc: QRP-L Reflector <qrp-l@Lehigh.EDU>, Jim Larsen <larsennc@alaska.net>, Paul Erickson <paul1@wizard.ucs.sfu.ca>, Bob Edwards <w4ed@flash.net>
Subject: [8129] ARCI Test
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Forgot to give you guys my score... On way out the door for vacation in the Keys...

400 Q's, 127 mulits, 1.4M points Had to top last April's score and then quit. Will mail it to Cam when I return.

73,

Bob Patten, N4BP (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Mon, 13 Apr 1998 16:23:34 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: kd7s@psnw.com
Cc: qrp-l@Lehigh.EDU
Subject: [8130] Re: Plexi-glass covers ?
Message-ID: <199804131523.QAA03970@chuck.dallas.sgi.com>

Bill et.al.,

You have got to pay attention here!!

As one who has over the years judged building contests

at Dayton, Pacificon, and many other places (people seem to like keeping me busy :-) at these things) I can tell you from experience that Bill Jones knows what he is doing. If you have seen the pics of his work then you can only marvel at just how beautiful his work is.

So, when he posts the URL/http/whatever to his web page showing all the hints and kinks on building cabinets and enclosures, then save the email and bookmark the page and back everything up. Don't lose it.

Those of you doing the Elmer 101 project and did not purchase the enclosure and off board parts from SWL, then you might consider going one step farther and using the techniques that Bill is going to demonstrate to build your own unique and totally homebrew enclosure(s).

Bill's first marvel of work that I saw was the 40-9er in a "Collins"-like enclosure with homemade dial etc. His black plastic enclosure with LED bar frequency readout for the 38-special was a beauty. Bill, I hope I got the right rig in the right enclosure. There were so many..... :-)

FYI gang,

Chuck Adams K5FO Dallas,TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Mon, 13 Apr 1998 11:30:48 EDT
From: W1LP <W1LP@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [8131] Plexiglass paddle covers
Message-ID: <66bbe2d.35322faa@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

The guy that made these was Larry - WB3EVL. I don't know if he is still in the business.

72, Clint

Date: Mon, 13 Apr 1998 10:37:22 -0500
From: "Tim, KD5CKP" <kd5ckp@bellsouth.net>
To: qrp-l@Lehigh.EDU
Subject: [8132] Straight Keys - Past to present
Message-ID: <35323132.30D7@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I know this is a little off subject, but you guys make a common discussion of it and out of curiosity and the desire to learn as much about the "Sport" as possible. What are some of the all time favorite keys through history and also the newer ones. I have always been intrigued by all the different designs. I would like to get input from anyone having information to offer: stories, pictures, comments, links, price comparisons (then and now), and don't limit this to just keys consider all the different keying devices just to add to the history.

Thanks & 73

Tim

--

* KD5CKP
* Tim Billingsley Grid# EM54bw
* QRP-L #1510 mailto:kd5ckp@bellsouth.net
* <http://personal.mem.bellsouth.net/mem/k/d/kd5ckp/Index.htm>

Date: Mon, 13 Apr 1998 10:48:18 -0500
From: Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
To: QRP-L list <QRP-L@Lehigh.EDU>
Subject: [8133] K-2 prototype at NorCal
Message-ID: <351A2DFAE256D111883A0060B06B16625DBF60@s-il02-j.comm.mot.com>
MIME-Version: 1.0
Content-Type: text/plain

I'm just catching up on back QRP-L posts. Haven't seen any descriptions of the K-2 prototype that Wayne and Eric showed at the NorCal meeting.

Having eagerly poked all around the rig, I'll give you my impressions so far. I know there are a few inquiring minds out there.

First off, like their web page shows, the box is roughly halfway between the Sierra and the TT Scout. A very nice size. The mechanical assembly is clean and straightforward. The front panel removes easily for access to the pc board behind it. The top and bottom covers are removable without removing the front cover or bottom half of the rear cover. The top cover bends over at the rear and is the upper half of the rear cover. The case will go together easily when we finally get our hands on this rig. I asked Wayne who his mechanical designer had been. He grinned and said, "me". Talk about your Renaissance man.

The pc board layouts are classic Wayne Burdick. Clean parts layout, straight signal flow, minimum amount of wire throughout. The front panel controls consist of knobs and buttons. The buttons are multiplexed. A short press gets you the function labeled above the button. A bit longer press gets you the function below the button. No shift key needed.

The tuning knob has several tuning rates. The slowest will make a very sharp filter easy to use. With the uP control of the rig, stability should be quite adequate for a sharp filter. I keep harping on this as I really like a sharp filter for cw. Wayne said he felt the variable bandwidth IF filter would be good down to 300 Hz or so at the nose. No idea what skirt shape would be yet. I asked about the fixed filter he refers to. It would be a kit also, and you could switch between the variable bandwidth and the fixed filter. Specs on the fixed filter undecided as yet. I'm pushing for about 250 Hz with steep skirts.

We didn't talk about receiver sensitivity, but it is quiet enough that you can hear the noise level drop when disconnecting the antenna on even a quiet band.

Bandswitching is accomplished with tiny reed relays in what look like 8 pin DIP packages. Wayne said that he and Eric had measured up to 80 dB of isolation between the contacts, quite satisfactory for bandswitching. This certainly leads to a clean layout and signal flow.

Wayne had not assembled his unit's PA by meeting time. However, running off the driver stage, he was getting about 750 mw, and had a successful QSO already. We had a few QSOs across the parking lot at the meeting, and the rig sounded very clean and crisp.

Wayne showed us where various options would plug into the mother board. An audio filter would supplement the IF filter for additional selectivity. A noise blanker plug-in is provided. Another plug-in provides 160m operation, plus provides a second independent receiver input for all bands.

Some options are intended to mount in the top cover, with ribbon cable

to the mother board. The cable would be long enough that the top cover could be laid on the table beside the rig, upside down for option access.

All in all, one neat rig. No particular connection with EleCraft, other than "I Want One!!!".

72, Bob N6WG

Date: Mon, 13 Apr 1998 10:00:36 -0600
From: "Steve Hurst" <shurst@magiclink.com>
To: <W1LP@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [8134] Re: Plexiglass paddle covers
Message-ID: <199804131555.LAA33646@nss4.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Clint and gang,

Thanks to all who responded to my query !!!! Great group !! Someone was kind enough to look up the info in QST's classified section. I am posting it here again for those who missed it the first time.

Larry Stamm
28 Tipton Road
Kutztown, PA 19530

He makes covers for ; Bencher, Vibrokeyer, Vibroplex Iambic, and MFJ564. Engraved with your call if you like. Cost, \$14.00 postpaid.

Have a happy Monday everyone !!

73,
Steve Hurst
KA7NOC (southern Idaho)
<http://www.magiclink.com/web/shurst>
shurst@magiclink.com

> The guy that made these was Larry - WB3EVL. I don't know if he is still
> in
> the business.
>

> 72, Clint
>

Date: Mon, 13 Jan 1992 11:05:42 -0500
From: "Dennis Payton" <dpayton@fwi.com>
To: <qrp-1@Lehigh.EDU>
Subject: [8135] Herring Aid 5: Finished
Message-ID: <199804131611.LAA01001@mail.fwi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I built the Herring Aid 5 over the weekend. It is easily the oddest looking thing I've ever built! I wanted to build it in a herring container so found a box at the local Kroger store labeled "Iceland Waters" that is a little larger than the circuit board with an oval tin inside. I applied several coats of polyurethane to the box and cut a hole in the top over which I was going to mount the circuit board. Then I cut the tin in half for the front and rear panels.

I lined the inside of the box with auto body filler for strength, slipping the front and rear panels through slits I'd cut on top of each end. I also used the filler to install stand-offs for the circuit board. The circuit board fit between the panels after a little trimming and I was able to fit the tuning, volume, & phones on the front panel and the power & antenna on the back panel. I found that a piece cut from a 1 liter iced tea bottle made a nice clear cover that could be snapped in. It doesn't go in and out very easily but shouldn't need to be removed often. The finished product sort of resembles part of one of those tubes you use at the bank drive-thru mounted on a VCR tape box. If there was a contest for a project that looked most like something out of one of those old space movies I think I'd have a good chance of winning!

Construction went fairly well. although I had a few problems. I had to change C2 to 15 pf, then changed C13 to .47uf and C16 to .2uf for a little better performance. I also changed the tuning pot to a 10 turn 10K. Then after blowing several fuses when turning it on, I decided the problem was C15 charging up, so changed it from 470uf to 100uf. It takes a while to settle down after turning it on, but I'm very happy with how it performs. And it does a pretty good job driving a speaker.

Thanks, Norcal, for another fun project! Next?

Denny Payton N9JXY

Date: Mon, 13 Apr 1998 09:09:11 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <mitymik@hooked.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [8136] Re: FAR Circuits...
Message-ID: <01bd66f6\$7f0cdfa0\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've always had excellent service from Fred of FAR Circuits. Ten days may be a little bit tight for mail order, even if the boards are already sitting on the shelf. Patience.

Mike K1MG

>is this guy slow, or is it just me? I've had an order in since the 1st
...>

Date: Mon, 13 Apr 1998 11:09:13 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: "jpkeon@bellsouth.net"@mail.rdu.bellsouth.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [8137] Re: picture of MERCURY Nr 158
Message-ID: <353238A9.BA7A120B@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks, John Paul - finally found the site/pix after sticking a "dot" in the URL after the first three w's - hi! Very nice keys and great pix, despite the subject matter!

--
72/73, George
Amateur Radio W5YR (since 1946)
QRP-L #1373 QRP ARCI #9583

AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

john paul keon wrote:

>
> For W5YR here is a picture of my circa 1981 Mercury # 158 made by
> Steve/N2DAN. No argument for the price, you pay for what you get.
> I only wish I had upgraded sooner so my old call was not on the paddle.
> But you know what they say about hindsight.
> Pictures on Website:
> <http://www.waterw.com/~knights/klpic3.html>
> Enjoy, also there is a picture of the Sierra we used at 250mW (got it
> right that time) and a Shurr Warbler and some tired old hams, hi hi.
> Also most of those were taken at the QRPTTF in October 97 and the old
> state trooper with the high and tight is me, hi hi
> JohnPaul/AB4PP "Sir Scribe" of the Klites

Date: Mon, 13 Apr 1998 11:16:09 -0500
From: Mike - W0TMW <crucis@sky.net>
To: waltk8cv@ameritech.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [8138] Re: [Fwd: Hmmm (re IC706MKII)]
Message-ID: <35323A49.E27A39C9@sky.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

If I remember right, that's when all Year 2000 compliance certificates are supposed to be completed. FCC wants to know if "Y2K" will be an issue for the rig. I think it applies only to commercial units, but haven't seen any exemptions on ham gear.

Mike - W0TMW

Walt Amos wrote:

>
> Okhere is a new thread to beat to death now that we all
> have put the word MERCURY in our filters!
>
> Walt K8CV

>
>

>
> Subject: Hmmm (re IC706MKII)
> Date: Sun, 12 Apr 1998 08:39:24 -0400

> From: "Hartland B. Smith" <aa035@detroit.freenet.org>
> To: waltk8cv@ameritech.net
>
> Interesting item--Hart
>
> >Sender: owner-amsat-bb@AMSAT.org
> >X-Reminder: to unsubscribe, send UNSUB amsat-bb to LISTSERVER@AMSAT.Org
> >Date: Sun, 12 Apr 1998 03:07:26 +0000
> >From: Matt J Cassarino <mjc2@capecod.net>
> >X-Mailer: Mozilla 2.02 (Macintosh; I; 68K)
> >To: AMSAT-BB <amsat-bb@AMSAT.org>
> >Subject: Hmmm (re IC706MKII)
> >
> >Good day, all-
> >
> >I was looking through the FCC type acceptances...(yes I'm bored) and
> >found the IC706MKII has a note 99 attached to it which means "The
> >manufacture and/or importation of this device must cease on June 23,
> >1999." Anyone know why ? 73
> >--
> >Matt WV1K
> ><http://www.capecod.net/~mcassari>
> >
> >

--

```
=====
Mike Watson, W0TMW           QCWA Mbr# 28651, MidContinent Chapter #35
Raymore, Missouri, USA      Grid: EM28st, ARS# 352, QRP-L# 1849
http://www.sky.net/~crucis  E-mail: crucis@sky.net  ARCI# 9647
=====
```

Date: Mon, 13 Apr 1998 12:24:16 -0400
From: Bruce Milne <bmilne@afcon.net>
To: qrp-l@Lehigh.EDU
Subject: [8139] Attention Les Shattuck K4NK
Message-ID: <3.0.5.32.19980413122416.007a6a80@afcon.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Unable to respond to your e-mail. Address K4NK@aol.com keeps bouncing back as unacceptable, even when I use "reply" mode in my e-mail program. I have no problem e-mailing other aol addresses. Rig is sold.
Please advise how to contact you. 73 Bruce, WB2QAP

Let's keep in touch

Bruce Milne

bmilne e@afcon.net

Homepage: <http://www.afcon.net/~bmilne/>

Punta Gorda RV Homepage <http://www.afcon.net/~pgrv/>

Date: Mon, 13 Apr 1998 09:44:40 -0800

From: Russ Carpenter <russ@natworld.com>

To: "QRP-L List" <qrp-l@Lehigh.EDU>

Subject: [8140] An Open Letter to QRP Radio Designers

Message-ID: <199804131643.JAA26495@guppy.pond.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

QRP radio is lucky to have a community of talented designers producing amazingly clever gear for low powered radio. But I'm a little concerned that they and we are suffering from forty-itis. What the world needs is some high performance 10 and 15 QRP radios.

The ARCI contest on Saturday is a case in point. 15 meters was pure joy, with practically no noise, strong signals and plenty of activity. During four hours of off and on activity, this person contacted 82 stations in 36 SPC's. I handed out plenty of 5X8 and 5X9 reports to stations on the other side of the country. Spellbinding!

So I hope the esteemed designers of QRP radio designers will take this as a little nudge. Think high!

Russ Carpenter, AA7QU

Date: Mon, 13 Apr 1998 10:45:30 -0600 (CST)

From: Bruce Rattray <rattray@gpfn.sk.ca>

To: Low Power Group <qrp-l@Lehigh.EDU>

Subject: [8141] OX3FV

Message-ID: <Pine.SOL.3.91.980413104215.29909A-100000@GPFN1.GPFN.SK.CA>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Just heard NQ7X work Kim on 14.060,1642Z.....skip not right for here from Kim as I cannot hear Kim so will continue to monitor...NQ7X was 559 hr which is a VY strong signal...good luck to all....and me too!...HAR!...

72 - Bruce(VE5RC+VE5QRP)

Date: Mon, 13 Apr 1998 09:48:08 -0700 (MST)
From: flydnq7x@primenet.com (Floyd Smithberg)
To: qrp-l@Lehigh.EDU
Subject: [8142] OX3FV now
Message-ID: <199804131648.JAA13173@smtp01.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Just worked Kim on 14059.8 about 449 with some qsb...both at 5W.
72/73 Floyd NQ7X Phoenix ScQRPion DM33uq QRP-L 343
ARRL AMSAT ARCI G-QRP NORCAL DX WRKD HF=324 SAT=101 QRP=129

Date: Mon, 13 Apr 1998 09:53:08 -0700
From: Laura Halliday <ve7ldh@direct.ca>
To: qrp-l@Lehigh.EDU
Subject: [8143] Re: Manipulator for portable use
Message-ID: <353242F4.45147C9B@direct.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mais bien sur! Originally, "le manipulateur" was the French term for a telegraph key. Now it includes paddles for a keyer.

Sound really hip ("branche") and use the short form "manip". The adjective for short forms is "raccourci", literally, "shortened". In days gone by it was the euphemism for the after effects of the guillotine...

A vos manips!

...laura

Date: Mon, 13 Apr 1998 10:02:04 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>

To: <w2bj@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [8144] Re: MERCURY PADDLE
Message-ID: <01bd66fd\$e21025b0\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>There is a
>wonderful web site from Holland that has all kinds of information about
>CW.... Check it
>out at <http://reality.sgi.com/adams/page8.html>

Wow. Chuck really did get lost this time!

Date: Mon, 13 Apr 1998 12:02:38 +0100
From: Leon Heller <leon@lfheller.demon.co.uk>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [8145] Low-cost resistor storage
Message-ID: <T80M4JA0dFM1Ewdu@lfheller.demon.co.uk>
MIME-Version: 1.0

My low-cost storage system for resistors might be of interest.

I simply put all the values for each decade (110R - 1K, for instance) into an envelope, with the decade marked on it, and then store the envelopes in a cardboard box lid, in sequence. I also write the values on the paper bandolier holding the devices, so that I don't have to waste time deciphering the colour codes.

73, Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/dds.htm> for details of my AD9850 DDS system. See " /diy_dsp.htm for a simple DIY DSP ADSP-2104 system.

Date: Mon, 13 Apr 1998 10:04:45 -0700 (PDT)

From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: Russ Carpenter <russ@natworld.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [8146] Re: An Open Letter to QRP Radio Designers
Message-ID: <Pine.LNX.3.96.980413095258.3059A-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> QRP radio is lucky to have a community of talented designers producing
> amazingly clever gear for low powered radio. But I'm a little concerned
> that they and we are suffering from forty-itis. What the world needs is
> some high performance 10 and 15 QRP radios.

The reason I'm not building anything for 10m is because I'm not ready for it yet. In particular, I just now got the VFO working the way I want it to. I need to redesign it AGAIN, however, because I need to move it from the 160-in-1 kit to an actual PC board. But the circuit as a whole works great. Beautifully sharp rise and fall times, and a nice, clean square-wave output.

The problem with making a radio for myself NOW, however, is that I cannot seem to make a working mixer. :) I have a vague feeling that it's all a matter of biasing and impedance matching. But I'm also not putting 100% brain power to this task either. I still need the finish (and box) the VFO circuit.

The next thing that is on my list is a new AF amplifier design. I'm still working this out, but with the information that I garnered in the past (thanks to those who replied), I will be breadboarding a new design shortly. The goal, as usual, is 120dB of AF gain, capable of driving an 8-ohm speaker.

After the AF amplifier and the VFO comes the most dreaded part of the radio -- the mixer. Conceptually, this should be easy: turn the RF source on and off at RF frequencies, thus multiplying it with a square wave. Due to the multiplication process, AF will result. Alternatively (and seemingly more power efficient) is to alternately swap the phase of the RF signal, thus multiplying it by a symmetric square wave. This is what diode and most MOS mixers do today, and represents either a singly or doubly-balanced way working things.

In reality, I found that "chopping" RF and filtering the result with a capacitor DID produce a few heterodynes, but no audible AF (keep in mind I'm using a Hi-Z earphone, a la "crystal" radios from eons past). I tried to re-create the amplified mixer, where RF is fed at the emitter, and the base is fed the antenna, but I got NO audio of any kind from that. I am forced to conclude that that particular mixer just didn't work.

Anyway, the point I'm trying to make here is that 40m is an excellent band to start out on, because 1) it's not so high in frequency that you have to watch EVERY little detail of circuit design, and 2) Obtaining components that can handle the RF frequencies for this band is a snap.

Until I become more familiar with 40m radio construction, I am not going to tackle anything else. However, when I feel I'm ready, I'm going to make the jump directly to 6m, instead of 10. The reason being is that I have a few plans for using the 6m rig which would be "illegal" on HF bands (namely, digital transmissions with greater than 300bps throughput).

```
=====
KC5TJA/6      |                               -| TEAM DOLPHIN |-
DM13          |                               Samuel A. Falvo II
QRP-L #1447   |                               Chief Architect and Project Founder
=====
```

Date: Mon, 13 Apr 1998 13:45:07 -0400
From: joel malman <malman@world.std.com>
To: qrp-l@Lehigh.EDU
Cc: malman@world.std.com
Subject: [8147] ARCI QSO Party
Message-ID: <199804131745.AA11768@world.std.com>

Folks,

That was pretty neat... And a good warm up for the QRPttField. To bad 15 and 20 meters on Sunday was so quiet. 10 meters never really opened up for me. Saturday though, everything was jumping! Guess we were all pretty knee deep with QSO's on 15, 20, 40 and 80 (at night). I checked 160, but there was nothing happening.

My score:

434 (QSO points) x 59 (SPC) x 7 (pwr) = 179,242

I just wish I had a better antenna than a dipole in the woods.

See you all, at a border on the 25-th!

/joel wa1qvm (Concord, Mass)

Date: Mon, 13 Apr 1998 13:53:28 EDT
From: FrConrad <FrConrad@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [8148] Joy of QRP Book
Message-ID: <174784da.35325119@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hello all,

Several weeks ago I saw a write-up on the reflector as to where to buy the book Joy of Sex [Backspace-Backspace-Backspace] :-) make that Joy of QRP.

Can someone send that info?

Tnx es 72

John+
WB6MFS

Date: Mon, 13 Apr 1998 13:11:36 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-1@Lehigh.EDU
Subject: [8149] ANYBODY NEEDING A MAINE QSO
Message-ID: <199804131811.NAA15537@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

High gang

just got through putting up a three element yagi for forty (wire, rope and trees) it's pointed sw from strong maine...
so if you or a friend need maine qrp let me know and I'll give it a try... hokay?

I guess this would be a good time for me to try was forty... so if u hear wa5cvm on please give me a shout... thank you
joel waa5cvm in maine, north or dixie

God Bless
Joel

WA5CVM
Joel Denison
PO BOX 542

Gentlemen don't Cry, They QSY :-)
Gentle Lady (RC Sail Plane)(049 engine - start)
40 mtr loop up 50ft Vertical 3 elm Yagi 30mtr

Strong, Maine 04983
jdenison@morelr.com

QRP ARCI 4066
AK/QRP 109

NEW ENGLAND QRP 476 QRP-L 765

Date: Mon, 13 Apr 1998 13:47:32 -0500
From: Mike - W0TMW <crucis@sky.net>
To: leon@lfheller.demon.co.uk
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [8150] Re: Low-cost resistor storage
Message-ID: <35325DC4.3ED79EAC@sky.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Shoot! I was just using empty cream cheese tubs. Guess I'll hav'ta upgrade!
:-)

Mike - W0TMW

Leon Heller wrote:

>
> My low-cost storage system for resistors might be of interest.
>
> I simply put all the values for each decade (110R - 1K, for instance)
> into an envelope, with the decade marked on it, and then store the
> envelopes in a cardboard box lid, in sequence. I also write the values
> on the paper bandolier holding the devices, so that I don't have to
> waste time deciphering the colour codes.
>
> 73, Leon
> --
> Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
> Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
> See <http://www.lfheller.demon.co.uk/dds.htm> for details of my AD9850
> DDS system. See " /diy_dsp.htm for a simple DIY DSP ADSP-2104 system.

--

=====
Mike Watson, W0TMW QCWA Mbr# 28651, MidContinent Chapter #35
Raymore, Missouri, USA Grid: EM28st, ARS# 352, QRP-L# 1849
<http://www.sky.net/~crucis> E-mail: crucis@sky.net ARCI# 9647
=====

Date: Mon, 13 Apr 1998 19:59:30 +0100
From: Dick G0BPS <G0BPS@kanga.demon.co.uk>
To: leon@lfheller.demon.co.uk
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [8151] Re: Low-cost resistor storage
Message-ID: <MlcOXfAScmM1Ewv8@kanga.demon.co.uk>
MIME-Version: 1.0

In message <T80M4JA0DfM1Ewdu@lfheller.demon.co.uk>, Leon Heller
<leon@lfheller.demon.co.uk> writes
>My low-cost storage system for resistors might be of interest.
>

>I simply put all the values for each decade (110R - 1K, for instance)
>into an envelope, with the decade marked on it, and then store the
>envelopes in a cardboard box lid, in sequence. I also write the values
>on the paper bandolier holding the devices, so that I don't have to
>waste time deciphering the colour codes.

Hi gang..

As a big user of single resistors I use film canisters. I have a round
label on the top of each and a label on the side of the can. I have used
this method for many years.

I have a box just higher than a can, separated by bits of thin ply.
All values of R's and a few diodes and small voltage regs all lined up.

No problems.

TTFN de ..

--

Dick Pascoe G0BPS
Kanga Products
Seaview House, Crete Road East
Folkestone CT18 7EG U.K.
Tel 44 (0) 1303 891106
<http://www.kanga.demon.co.uk>

Date: Mon, 13 Apr 1998 12:02:31 -0700
From: Bill Todd <bill@willapabay.org>
To: nwq-1@scn.org
Cc: qrp-1@Lehigh.EDU
Subject: [8152] Fun on 21060
Message-ID: <1.5.4.32.19980413190231.00702250@willapabay.org>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I know I should be reading my "Juvenile Justice" textbook right now, (and I am...sorta), but I am also monitoring 21060.

I just heard V21CW (19:10 UTC), and I hope he can hear my powerhouse 5 watt signal from Bay Center, WA. THEN I will get back to my reading. Promise.

CUL, Bill-N7MFB

<http://www.willapabay.com/~bill>
ICQ me at #8926298

Date: Mon, 13 Apr 1998 12:19:52 -0700
From: Bill Todd <bill@willapabay.org>
To: nwq-l@scn.org
Cc: qrp-l@Lehigh.EDU
Subject: [8153] V21CW on 21055
Message-ID: <1.5.4.32.19980413191952.006f19e8@willapabay.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi - I know we shouldn't use QRP reflectors as DX spotting tools...but I just wanted the list(s) to know that V21CW QSYed down to 21055 (19:20 UTC), in case anyone wanted to work Greg - QSL via K2ACW.

Yes, I nabbed him with a 559 (not bad for a 80 meter dipole).

CUL, Bill-N7MFB
<http://www.willapabay.com/~bill>
ICQ me at #8926298

Date: Mon, 13 Apr 1998 15:29:51 EDT
From: PGSPersEng <PGSPersEng@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [8154] Instrument sale
Message-ID: <c46b32ce.353267b2@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit

For a long time, I've been tracking prices on scopes and other instruments. Having solicited and then read many recommendations from people on this list, I started lusting for a Tek TDS210, 60-MHz scope. It's a mid-priced unit at \$1000 list, and it seems that such units *never* go on sale.

However, last week I got a catalog from Davis Instruments (Baltimore, MD), and on the cover it had a blurb: "10% off any product in this catalog". Hot damn! Sure enough, the TDS210 was in there, so I placed my order (combo birthday/Fathers Day/whatever else gift).

The catalog has quite a lot of stuff -- multimeters, higher performance scopes, arbs, function generators, counters, power supplies...Fluke, HP, Tek...and all 10% off! So if you're looking to buy some new equipment and want to get the deal, call Davis at 800-269-0299, and use Reference Number E30. They might even extend the discount to units not actually in the catalog (for instance, I got the reduced price for an RS-232/IEEE-488 interface accessory to the scope).

Good luck,
Paul, AA1MI

Date: Mon, 13 Apr 1998 13:07:03 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [8155] Re: V21CW on 21055
Message-ID: <199804132007.NAA18147@usr08.primenet.com>

Howdy,

Bill (N7MFB) wrote:

>

> Hi - I know we shouldn't use QRP reflectors as DX spotting tools...but I
> just wanted the list(s) to know that V21CW QSYed down to 21055 (19:20 UTC),

Oh I don't know - I think it's rather neat every time
I read a note from a fellow QRPer that worked some nice
DX. With time/freq included, it gives us all a "heads-up"
of which bands are open and which DX ops can hear us
QRPers. Plus it reminds all the "lurkers" that this QRP
stuff really does work. ;-)

Congrats!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"What, a raw frog?!? Don't you even take the bones out?!?"

"If we took the bones out they wouldn't be crunchy, would they?"

Date: Mon, 13 Apr 1998 13:30:45 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: PGSPersEng <PGSPersEng@aol.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [8156] Re: Instrument sale
Message-ID: <Pine.LNX.3.96.980413132900.20565B-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 13 Apr 1998, PGSPersEng wrote:

> For a long time, I've been tracking prices on scopes and other instruments.
> Having solicited and then read many recommendations from people on this list,
> I started lusting for a Tek TDS210, 60-MHz scope. It's a mid-priced unit at
> \$1000 list, and it seems that such units *never* go on sale.

That is the oscilloscope that I have (though I need to buy another one,
since it's now wholly-owned by me ;-)) and use. I love it.

> However, last week I got a catalog from Davis Instruments (Baltimore, MD), and
> on the cover it had a blurb: "10% off any product in this catalog". Hot damn!
> Sure enough, the TDS210 was in there, so I placed my order (combo
> birthday/Fathers Day/whatever else gift).

I went to Fry's electronics in San Diego, CA to get mine. They had it
there for about \$850 or so.

> even extend the discount to units not actually in the catalog (for instance, I
> got the reduced price for an RS-232/IEEE-488 interface accessory to the
> scope).

This is something that I still do not have. Can you e-mail me some
details on it when you receive it? I'd like to know what its capabilities
are.

=====
KC5TJA/6 | -| TEAM DOLPHIN |-

DM13 |
QRP-L #1447 |

Samuel A. Falvo II
Chief Architect and Project Founder

Date: Mon, 13 Apr 1998 16:59:58 -0400 (EDT)
From: "Warren E. Lewis" <saswel@unx.sas.com>
To: qrp-l@Lehigh.EDU (QRP List)
Subject: [8157] ARCI Spring QSO Party
Message-ID: <199804132059.AA14095@sas10131.unx.sas.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Thanks for all the contacts. I had a lot of people call me and they were just too weak to copy with my 80ft random wire out a second floor window. I probably could be considered an alligator!! Big 4W mouth and no ears. Sorry if I missed anyone that called me.

It was great fun...worked a good many folks on 3 bands!! Good to hear all of the familiar calls on the air. I never heard W8MVN and N4ROA who I have worked in every contests since I started doing this stuff in 1995. I had no idea how much time I could spend with the contest being on Easter weekend. But I wound up playing radio for 8.5 hours over the 2 days.

Here are my final totals...wish I could have played more:

BAND	QSOSs	POINTS	S-P-C
----	-----	-----	-----
80	9	36	7
40	67	272	27
20	47	208	28
15	13	56	6
----	-----	-----	-----
TOTAL	136	572	68

TOTAL		TOTAL		POWER		BONUS		BONUS		FINAL
POINTS	X	S-P-C	X	MULT	X	MULT	+	POINTS	=	SCORE
__572__	X	__68__	X	__7__	X	_____	+	_____	=	272272

cheers - Warren

--

Warren E. Lewis
Senior Technical Support Analyst
Technical Support Division
SAS Institute Inc., Cary, NC

saswel@unx.sas.com
(919) 677-8001 x6542

Date: Mon, 13 Apr 1998 17:12:32 -0700
From: Jon Iza <iapizloj@biccc00.bi.ehu.es>
To: qrp-1@Lehigh.EDU
Subject: [8158] 40 years of Technical Topics in RSGB RadComm
Message-ID: <3532A9F0.3EAB@bi.ehu.es>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

I am very shy on using praising words, but I have to tell you all that if you haven't read any pages from the column "Technical Topics" from Pat Hawker, G3VA (published since March 1958 in the British "Radio Communication"), you have missed a lot.

Not to put down any of the excellent Ham "communicators" from the States,

but in two of the European journals I know, Pat G3VA in Rad Comm, and Dick Rollema, PA0SE, in the Dutch "Electron" from the VERON society, have been teaching hams for eons about new techniques, new developments, and the latest stuff from other countries. Both have kept an eye on QRP developments, and for many years have become obligate reading every month.

Dick PA0SE retired last december, but Pat G3VA will keep buggin us with new details and excellent comments for years to come :-)

Quoting some words from Pat, on his 40th anniversary as a columnist:
"My own view is that for amateur radio to survive and flourish, it is essential to preserve the sense of wonder at the 'magic' of communicating over long distances by radio with relatively simple equipment. It was this that brought many of us into the hobby and kept us there, together with curiosity about those who have made it all possible"

Well, I have to say Pat (and Dick, and W1FB, W7ZOI, W7EL... and others) are the ones that kept my curiosity alive, nurturing the desire to learn and to aim further, with less.

Thanks to all these hams!

jon, ea2sn

P.S. You may find some of the stuff from TT in a compilation entitled "Technical Topics Scrapbook 1985-1989", sold by the RSGB. Excellent reading material and food for thought.

--

Jon Iza

Ham:ea2sn (a real qrp'er!)

** One's needs are proportional to the square of his/her incompetence **

Date: Mon, 13 Apr 1998 14:41:09 -0700
From: Bill Todd <bill@willapabay.org>
To: "Gerald Mike Claussen (gmc)" <gmc@sequent.com>
Cc: qrp-1@Lehigh.EDU
Subject: [8159] RE: V21CW on 21055
Message-ID: <1.5.4.32.19980413214109.0070f918@willapabay.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 01:06 PM 4/13/98 -0700, you wrote:

>Hi Bill,

>

>I can't resist... 80 meter dipole??? not bad...

>

>ok. I will go away... :-)

>

>congrats on your contact!!!

>

>73 de Mike KK7GG

Yes Mike (and list) -

The 80 meter "DIPLE" is a variation of the left handed ziffelsnip Double Extended "Mungo" antenna that we have all read about in the ARRL Antenna handbook.

An earlier design, called the "Double Extended Yahoo Flapjack" antenna was even better. Yeah, that sounds about right.

CUL, Bill-N7MFB

<http://www.willapabay.com/~bill>

ICQ me at #8926298

Date: Mon, 13 Apr 1998 22:04:41 +0100
From: "Kim Andersen" <ox3fv@greenet.gl>
To: "=?ISO-8859-1?Q?QRP-L_=28INDL=C6G=29?=" <qrp-l@Lehigh.EDU>
Subject: [8160] OX QRP/QRP
Message-ID: <7717B0EA3BC.AAB23FA@mail.greenet.gl>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi

Made 60 QSO's today. 22 was QRP/QRP.

Have found some good frq's that I will stick to tomorrow:

7030
10127
14041
18086

Will start at 12z.

SU ON 50 OHM

73 de Kim/OX3FV

Date: Mon, 13 Apr 1998 14:03:36 -0400
From: Ronald_A_Pfeiffer@res.raytheon.com
To: qrp-l@Lehigh.EDU
Subject: [8161] Elmer101: Soldering IRON's
Message-ID: <852565E5.0062B010.00@ressud-as01.res.ray.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii

This is a question about soldering equipment in general
even though I'm building the SW40+.

I built the LDG QRP tuner and a 38S with just a radio shack 25 watt iron and whatever tip was provided.

I really enjoy building and want to spend a few dollars in this area of my tools!

I have seen last week sales for Weller and Tenma solder stations. I know this would be a good addition to my tools but my real question is...

What "tips" do I need and why? Was I doing it all wrong by soldering everything with the tip supplied with the iron?

Any info would be greatly appreciated...

Ron - N1ZSW

Date: Mon, 13 Apr 1998 16:10:21 -0400
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: <n4bp@bc.seflin.org>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [8162] Re: ARCI - VE7CQK
Message-ID: <199804132237.SAA15092@mailhost.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Bob,

I don't remember the score, but we won. Also remember that one group put together several high scorers at the last minute, and would have beat us. I saw the individual scores announced on QRP-L, but evidently one of the guys failed to send in his log, so we won!

It does look like we'll have a competitive score. Many thanks to all, Paul, Jim, Bob and Bob for helping to make this a fun contest for me. I think the team aspect of doing the contests makes us push a little harder than we would alone. --- And, Jim, I enjoyed your weather/propagation comments on QRP-L as you waited for ***some*** kind of an opening. (I just thought I was lonely on Sunday morning)

Great job, all!

Bob Kellogg, AE4IC, Greensboro, NC
Probably, but not necessarily. -- Benny Hill

> On Sun, 12 Apr 1998, Paul Erickson wrote:
> >
> > Final Score = 30555 X 7 (5w) = 213,885 points.
>
> Good show Paul (Erickson! :-)
> I think we'll have a competitive score as a team. Has anyone seen the
> results of the last time we entered as the "Four Corners" or is that in
> the QQ that I'm still waiting for?

Date: Mon, 13 Apr 1998 15:47:12 -0700
From: dave_epps@juno.com
To: qrp-l@Lehigh.EDU
Subject: [8163] Elmer101:
Message-ID: <19980413.154713.9950.2.dave_epps@juno.com>

SW-30+ alive in Fresno. Is a real winner.
Remember L-1 has 29 turns.
dave ab5pc fresno, ca.

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Or call Juno at (800) 654-JUNO [654-5866]

End of QRP-L Digest 1059

